Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 17 Feb 2023 until 23:59 on Saturday 18 Feb 2023

Forecast Issued on Friday 17 Feb 2023 at 02:34

Confidence: Medium for the pattern, low for the detail of cloud

Headline for Friday 17 Feb 2023: Mainly dry and occasionally bright. Gale force summit winds easing later.

Mountain weather hazards on Friday 17 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Cloudy	Cloudy	Cloudy	Dull	Light rain
Precipitation probability					
60%	20%	10%	10%	10%	60%

Forecast for Friday 17 Feb 2023

Weather: Overcast for much of the night with occasional light rain or drizzle. This clears south towards dawn to leave a largely dry day with occasional bright and sunny spells developing. Cloud building from the west during the evening with light to moderate rain extending to all before midnight.

Chance of cloud-free hill tops above 600m: 60% at dawn becoming 90% during morning, lowering in evening.

Low cloud and visibility: Good or very good becoming moderate or poor in rain and drizzle, very poor within cloud with bases extensive for much of the night down to 500m, infrequently so through the day.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 17 Feb 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	42/51 W	44/55 W	39/51 W	28/36 W	16/21 W	15/21 SW	30/40 SW
300	29/37 W	28/38 W	32/46 W	19/27 W	10/15 W	10/16 S	22/33 SW
Valley	17/35 W	18/37 W	23/45 W	15/28 W	6/14 W	3/13 S	14/30 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/2	7/1	6/-0	5/-1	4/-0	5/1	7/2
300	9/5	10/5	9/4	8/4	7/4	7/5	9/5
Valley	10/7	10/7	10/6	9/6	8/6	7/6	9/6
Freezing Level*	2500m	1600m	1300m	1100m	1400m	2300m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Chance limited severe winds chill at height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 17 Feb 2023	5.2mm	5.6mm	5.8mm

Forecast for Saturday 18 Feb 2023
Weather: Rather cloudy, with some outbreaks of rain overnight and early morning. Becoming largely dry and mostly cloudy, perhaps occasional brighter spells developing in the afternoon.

Maximum wind: West mean 30 mph at first, with gusts reaching 45 mph across most exposed ridges and summits, gradually easing through the day.

Chance of cloud-free hill tops above 600m: 20% during morning then 60% from midday.

Low cloud and visibility: Poor or very poor in rain and drizzle with cloud bases quite extensive down to 500m during the morning, improving after midday, with visibility becoming good or very good.

Temperature: **Valleys:** Plus 2 Celsius lifting 11 Celsius during the afternoon
At 600m: Plus 5 Celsius
Freezing level: Above summits

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